

Fig. 1

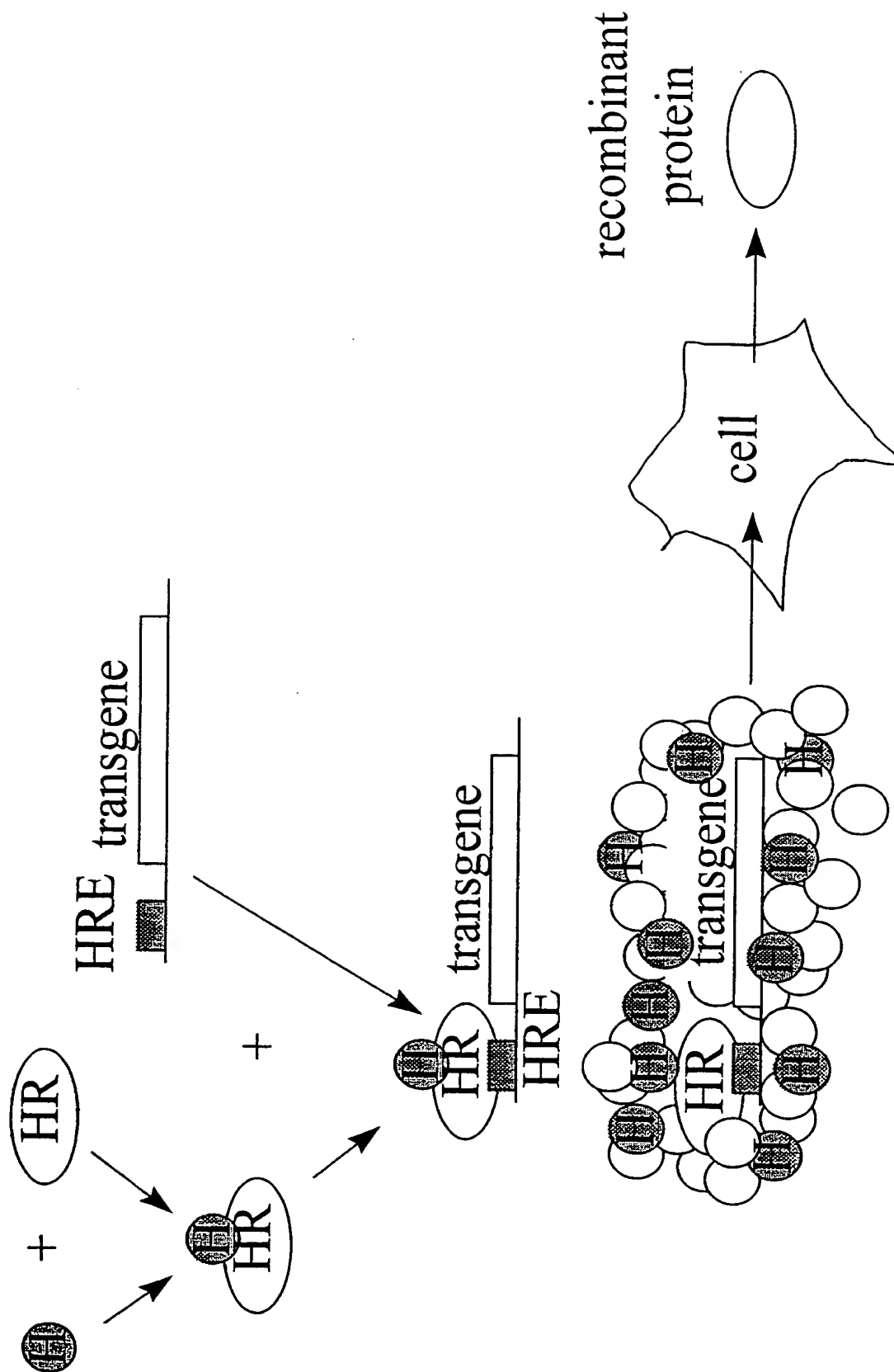


Fig. 2

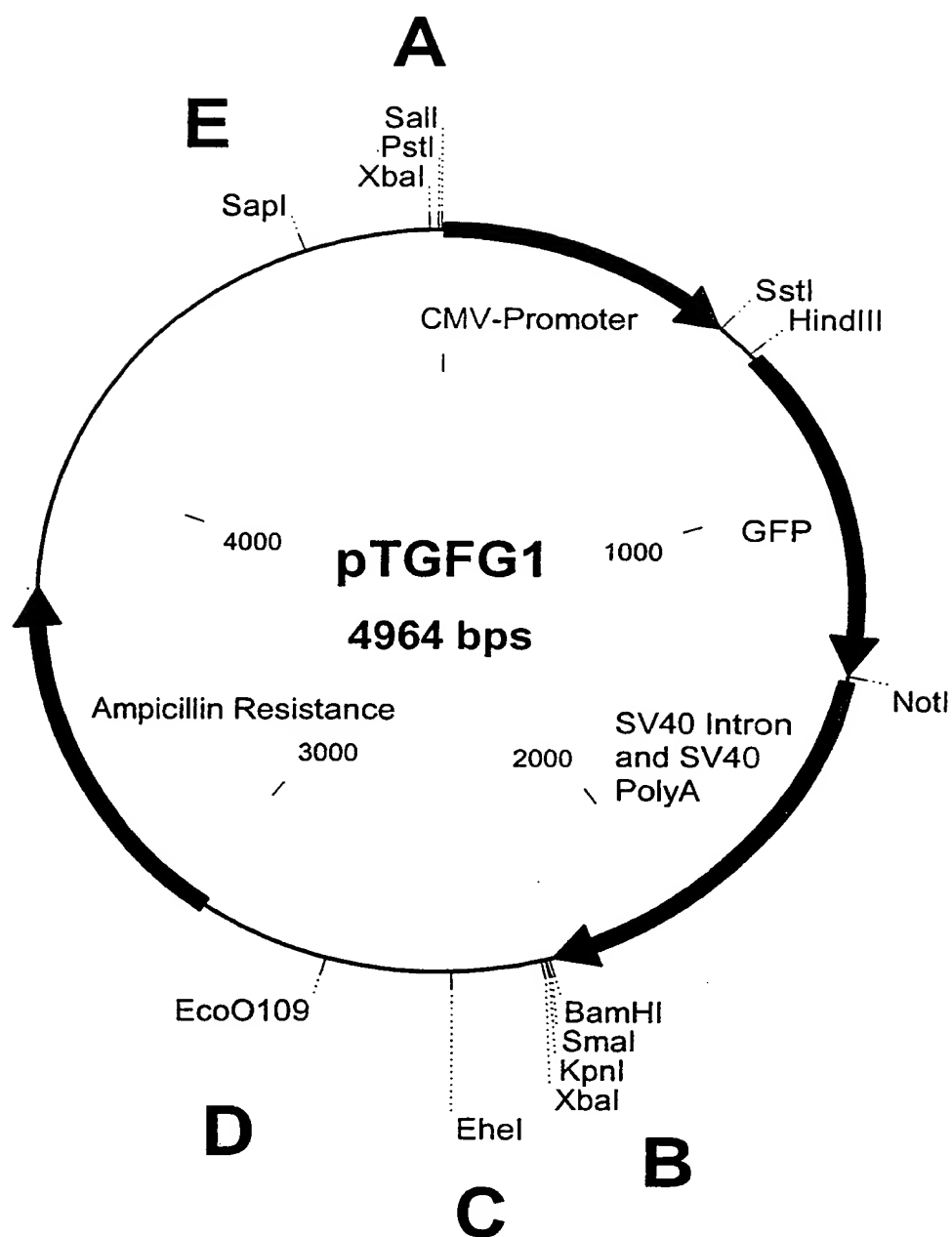
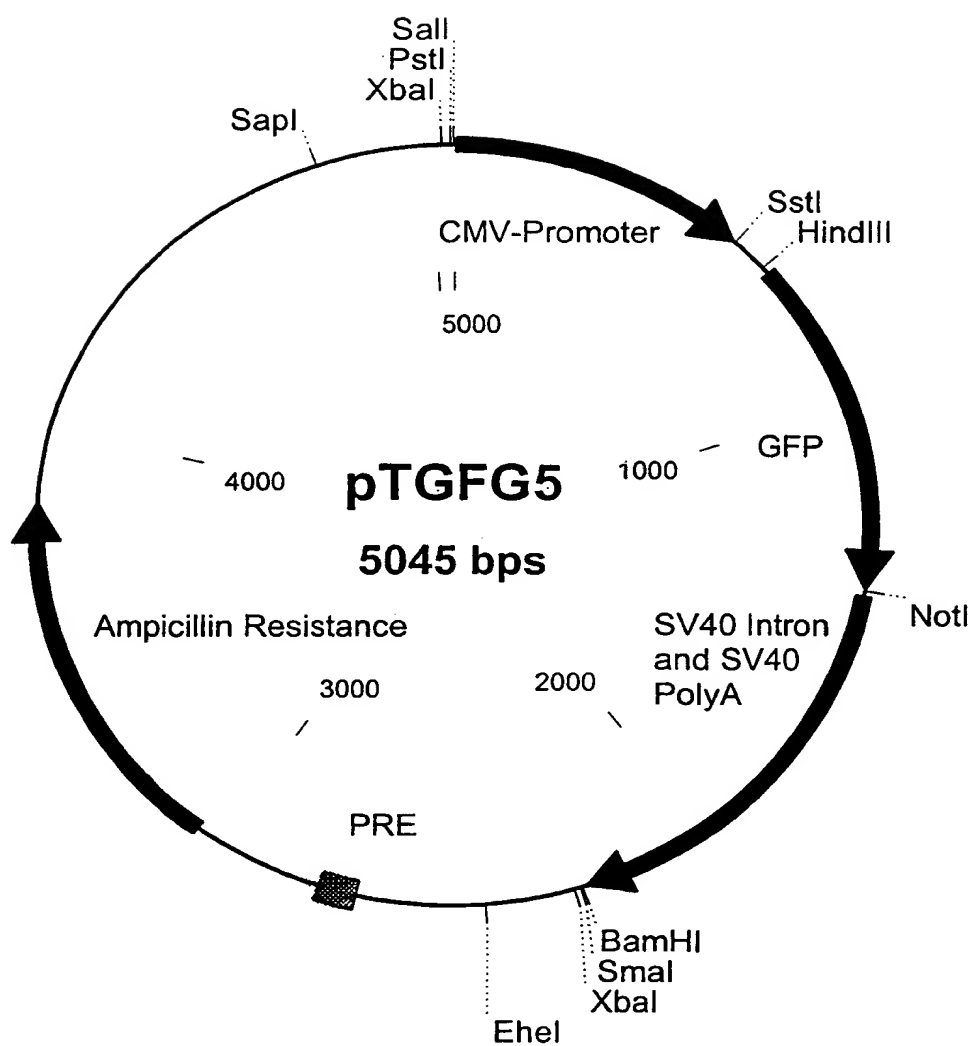
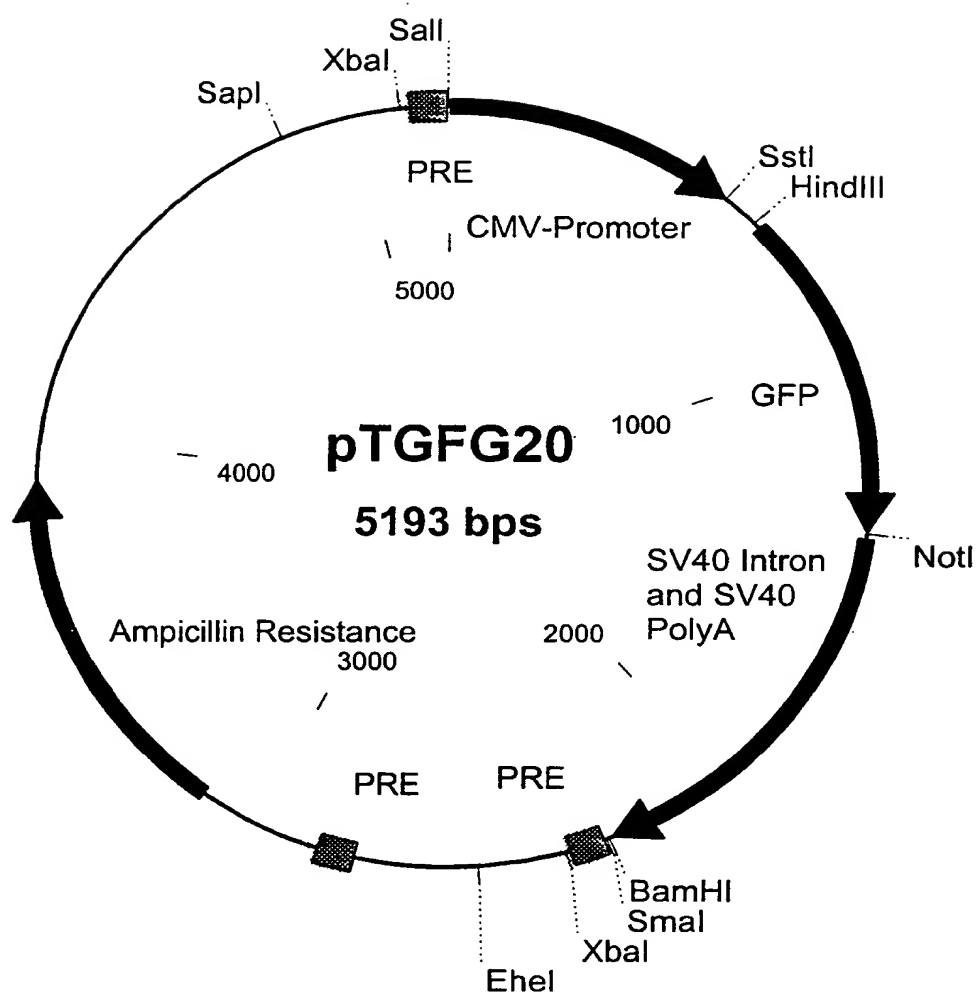


Fig. 3



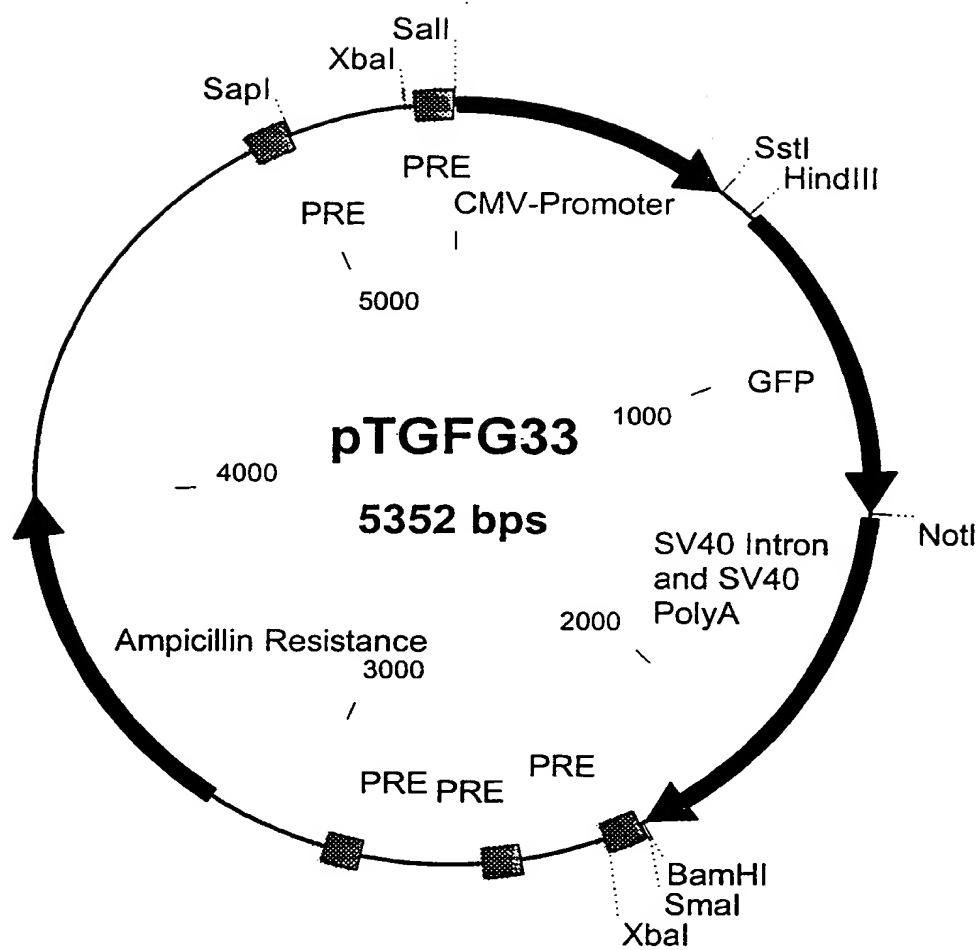
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Fig. 4



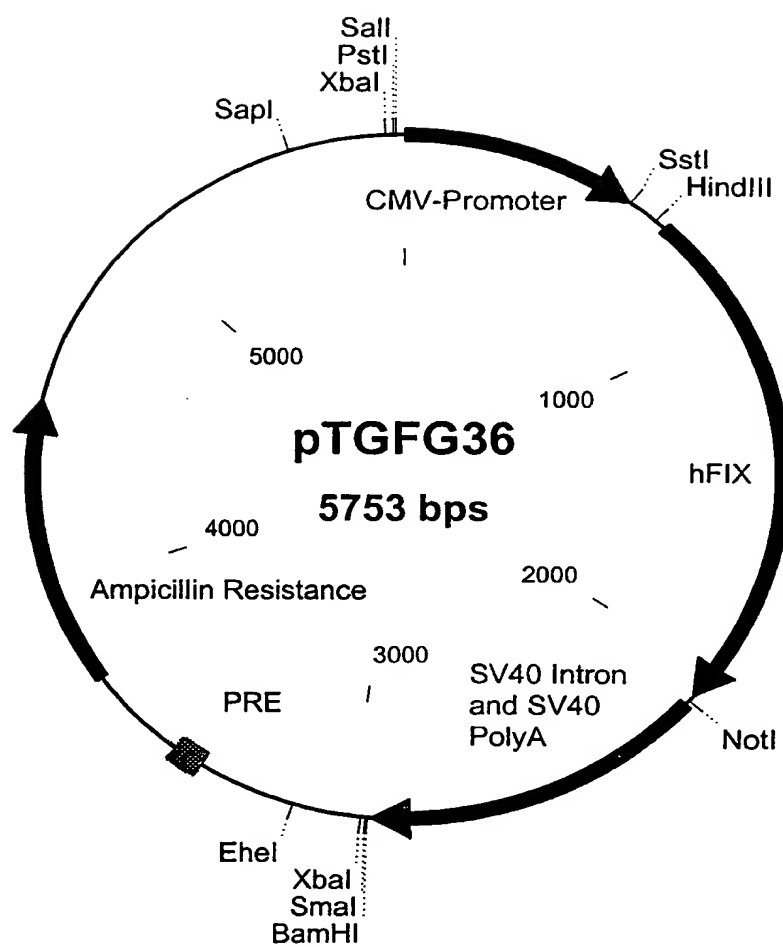
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Fig. 5



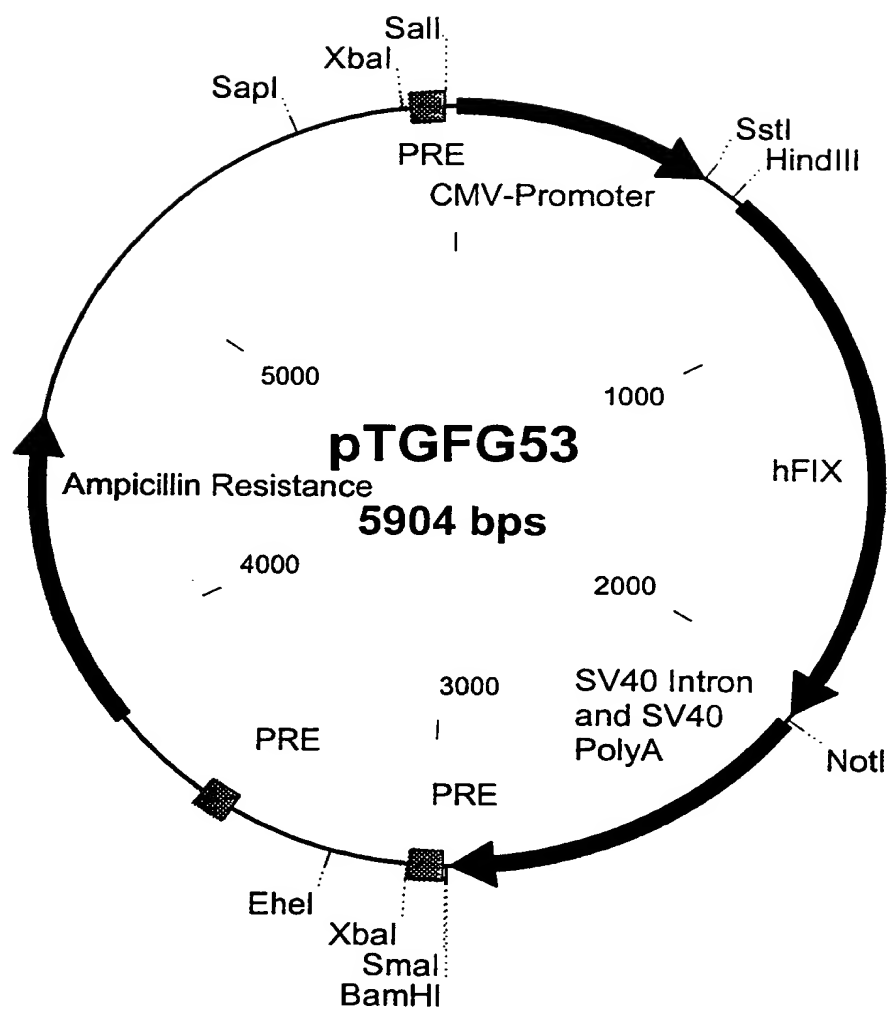
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Fig. 6



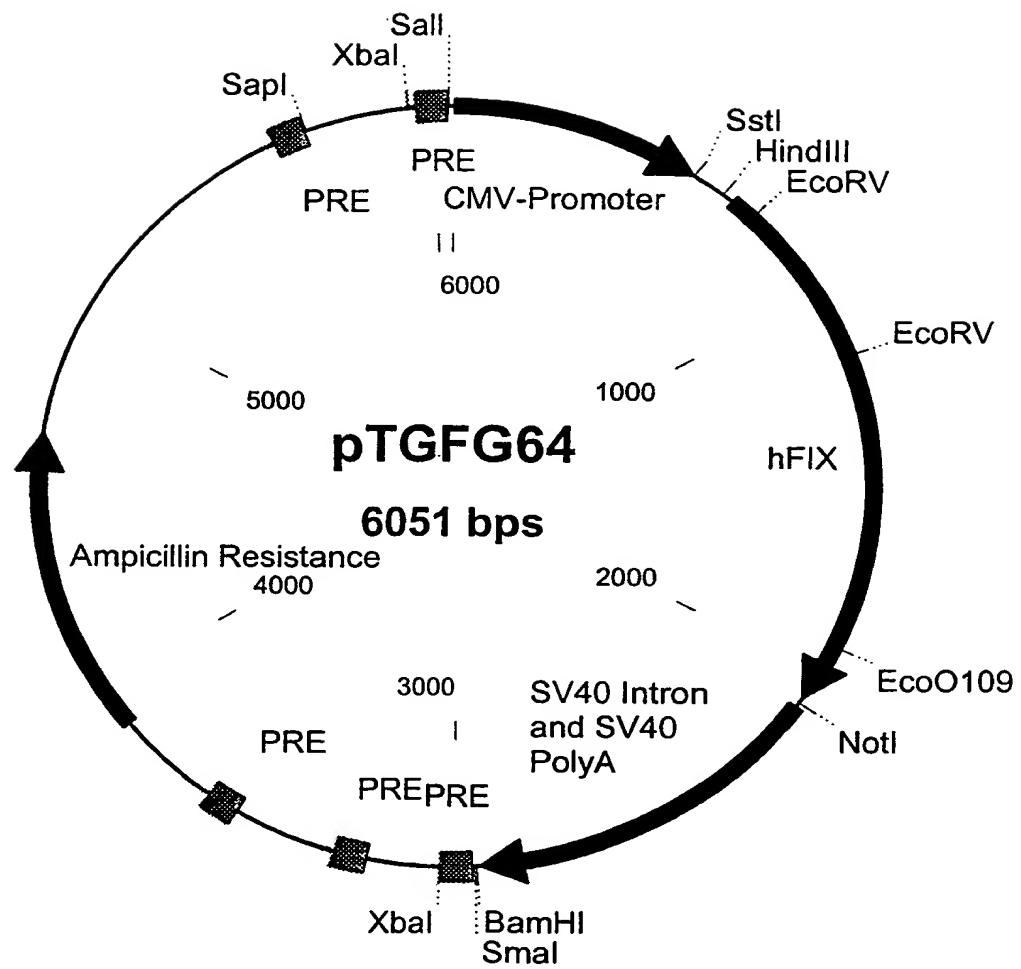
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Fig. 7



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Fig. 8







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Fig. 9 (continued)

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TCAGTGAGCGAGGAAGCGGAAGAGCGCCCAATACGCAAACCGCCTCTCCCCGCGCGTTGGCCGATTCAATTAATGCAGCTG  
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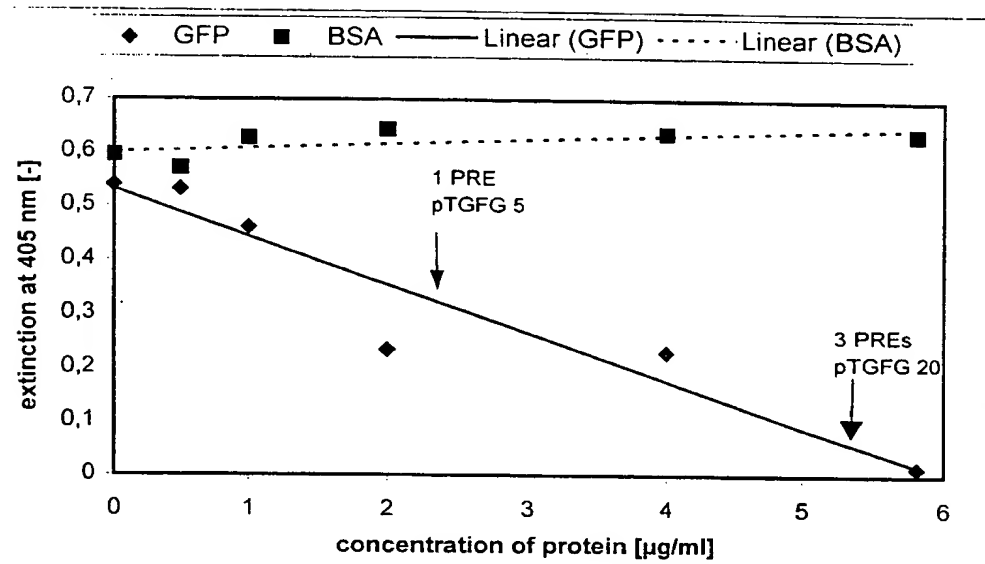
Fig. 10

Met	Gln	Arg	Val	Asn	Met	Ile	Met	Ala	Glu	Ser	Pro	Gly	Leu	Ile	Thr	1	5	10	15
Ile	Cys	Leu	Leu	Gly	Tyr	Leu	Leu	Ser	Ala	Glu	Cys	Thr	Val	Phe	Leu	20	25	30	
Asp	His	Glu	Asn	Ala	Asn	Lys	Ile	Leu	Asn	Arg	Pro	Lys	Arg	Tyr	Asn	35	40	45	
Ser	Gly	Lys	Leu	Glu	Glu	Phe	Val	Gln	Gly	Asn	Leu	Glu	Arg	Glu	Cys	50	55	60	
Met	Glu	Glu	Lys	Cys	Ser	Phe	Glu	Glu	Ala	Arg	Glu	Val	Phe	Glu	Asn	65	70	75	80
Thr	Glu	Arg	Thr	Thr	Glu	Phe	Trp	Lys	Gln	Tyr	Val	Asp	Gly	Asp	Gln	85	90	95	
Cys	Glu	Ser	Asn	Pro	Cys	Leu	Asn	Gly	Gly	Ser	Cys	Lys	Asp	Asp	Ile	100	105	110	
Asn	Ser	Tyr	Glu	Cys	Trp	Cys	Pro	Phe	Gly	Phe	Glu	Gly	Lys	Asn	Cys	115	120	125	
Glu	Leu	Asp	Val	Thr	Cys	Asn	Ile	Lys	Asn	Gly	Arg	Cys	Glu	Gln	Phe	130	135	140	
Cys	Lys	Asn	Ser	Ala	Asp	Asn	Lys	Val	Val	Cys	Ser	Cys	Thr	Glu	Gly	145	150	155	160
Tyr	Arg	Leu	Ala	Glu	Asn	Gln	Lys	Ser	Cys	Glu	Pro	Ala	Val	Pro	Phe	165	170	175	
Pro	Cys	Gly	Arg	Val	Ser	Val	Ser	Gln	Thr	Ser	Lys	Leu	Thr	Arg	Ala	180	185	190	
Glu	Thr	Val	Phe	Pro	Asp	Val	Asp	Tyr	Val	Asn	Ser	Thr	Glu	Ala	Glu	195	200	205	
Thr	Ile	Leu	Asp	Asn	Ile	Thr	Gln	Ser	Thr	Gln	Ser	Phe	Asn	Asp	Phe	210	215	220	
Thr	Arg	Val	Val	Gly	Gly	Glu	Asp	Ala	Lys	Pro	Gly	Gln	Phe	Pro	Trp	225	230	235	240
Gln	Val	Val	Leu	Asn	Gly	Lys	Val	Asp	Ala	Phe	Cys	Gly	Gly	Ser	Ile	245	250	255	
Val	Asn	Glu	Lys	Trp	Ile	Val	Thr	Ala	Ala	His	Cys	Val	Glu	Thr	Gly	260	265	270	
Val	Lys	Ile	Thr	Val	Val	Ala	Gly	Glu	His	Asn	Ile	Glu	Glu	Thr	Glu	275	280	285	
His	Thr	Glu	Gln	Lys	Arg	Asn	Val	Ile	Arg	Ile	Ile	Pro	His	His	Asn	290	295	300	

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Fig. 10 (continued)

Tyr	Asn	Ala	Ala	Ile	Asn	Lys	Tyr	Asn	His	Asp	Ile	Ala	Leu	Leu	Glu	305	310	315	320
Leu	Asp	Glu	Pro	Leu	Val	Leu	Asn	Ser	Tyr	Val	Thr	Pro	Ile	Cys	Ile	325	330	335	
Ala	Asp	Lys	Glu	Tyr	Thr	Asn	Ile	Phe	Leu	Lys	Phe	Gly	Ser	Gly	Tyr	340	345	350	
Val	Ser	Gly	Trp	Gly	Arg	Val	Phe	His	Lys	Gly	Arg	Ser	Ala	Leu	Val	355	360	365	
Leu	Gln	Tyr	Leu	Arg	Val	Pro	Leu	Val	Asp	Arg	Ala	Thr	Cys	Leu	Arg	370	375	380	
Ser	Thr	Lys	Phe	Thr	Ile	Tyr	Asn	Asn	Met	Phe	Cys	Ala	Gly	Phe	His	385	390	395	400
Glu	Gly	Gly	Arg	Asp	Ser	Cys	Gln	Gly	Asp	Ser	Gly	Gly	Pro	His	Val	405	410	415	
Thr	Glu	Val	Glu	Gly	Thr	Ser	Phe	Leu	Thr	Gly	Ile	Ile	Ser	Trp	Gly	420	425	430	
Glu	Glu	Cys	Ala	Met	Lys	Gly	Lys	Tyr	Gly	Ile	Tyr	Thr	Lys	Val	Ser	435	440	445	
Arg	Tyr	Val	Asn	Trp	Ile	Lys	Glu	Lys	Thr	Lys	Leu	Thr				450	455	460	

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Fig. 11

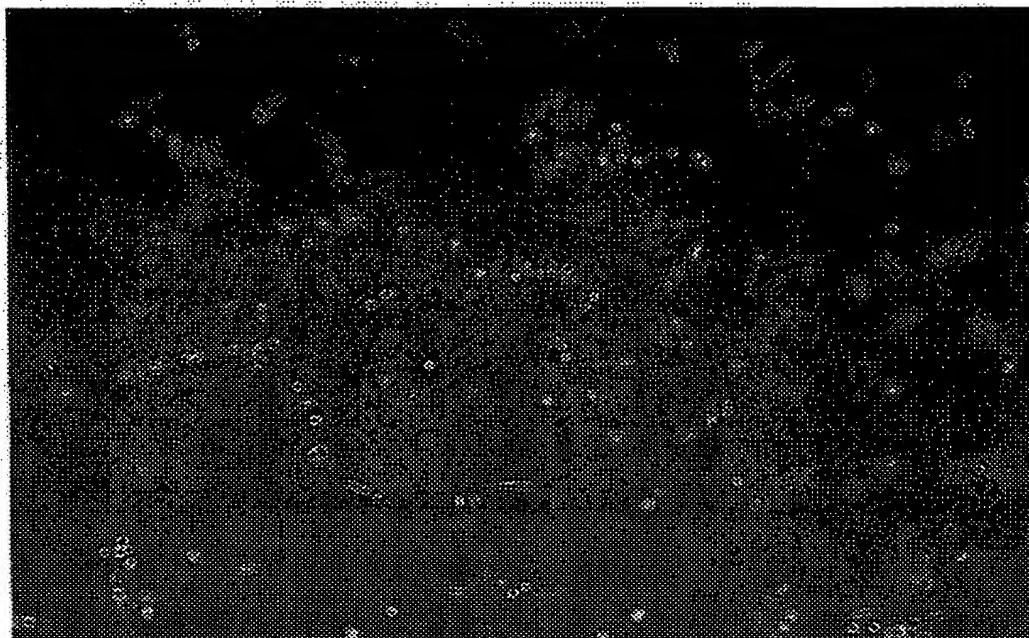


Fig. 12a



Fig 12 b

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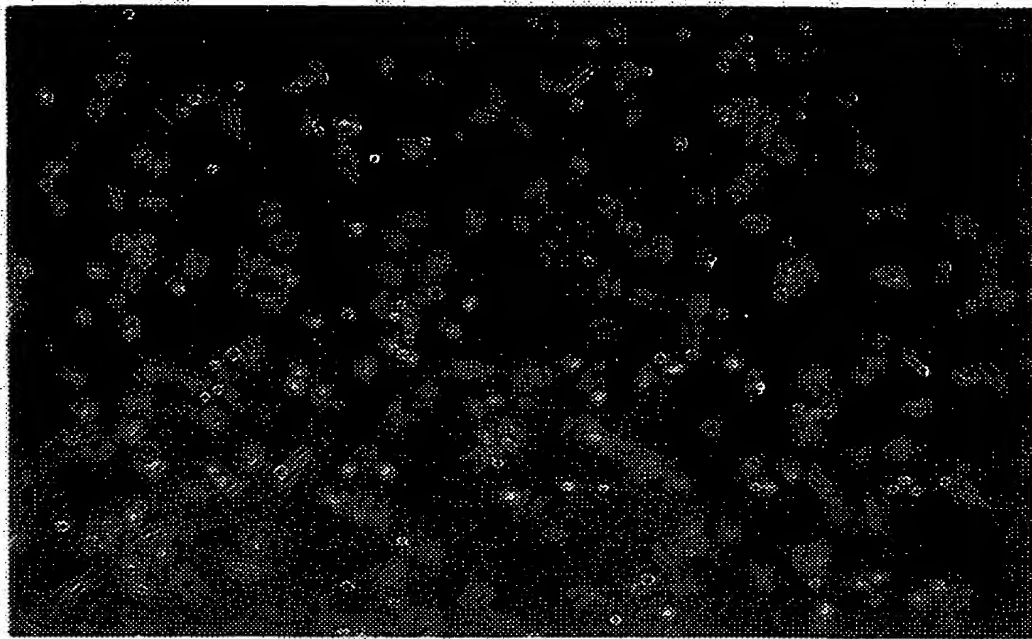


Fig 12 c

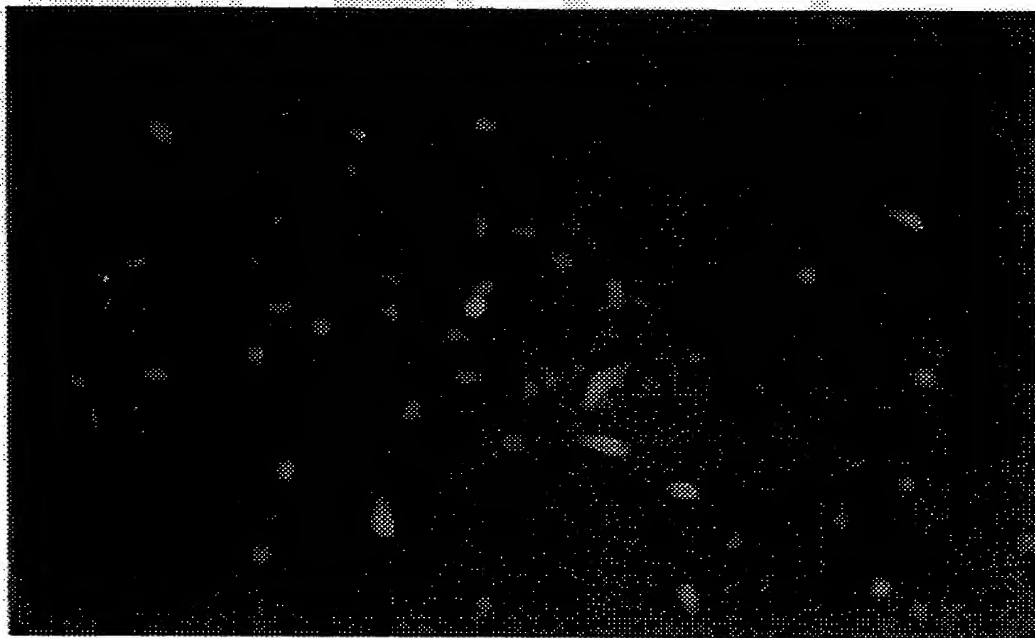


Fig 12 d

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Fig. 13

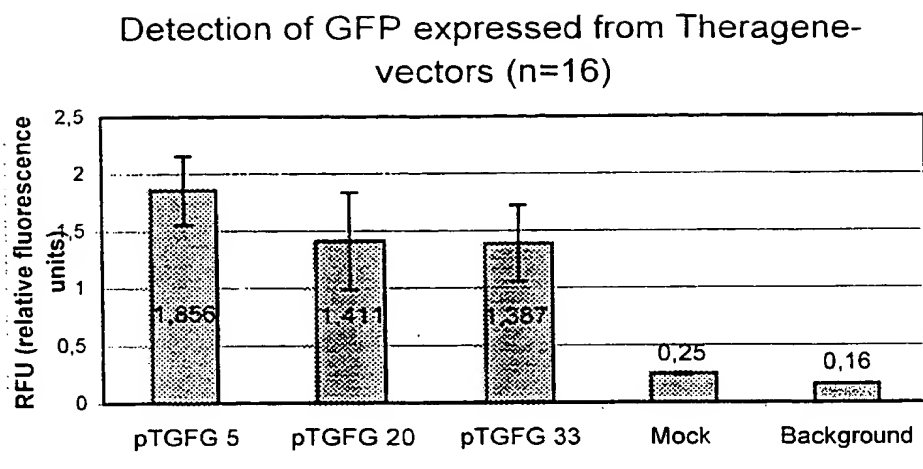
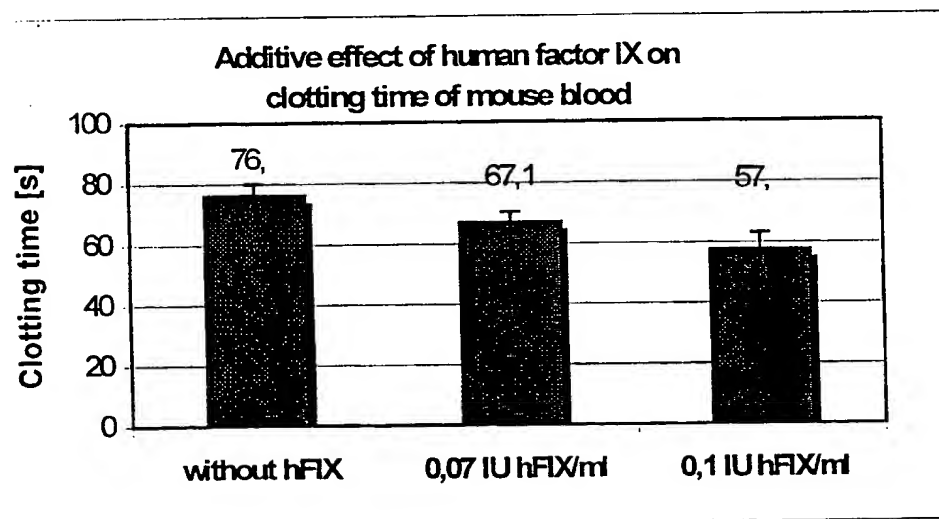


Fig. 14



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Fig. 15.

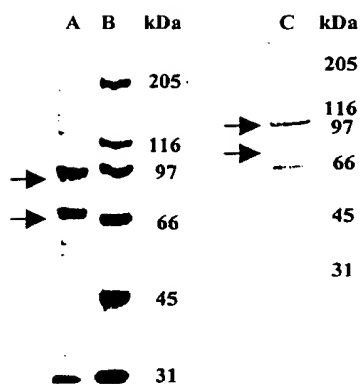
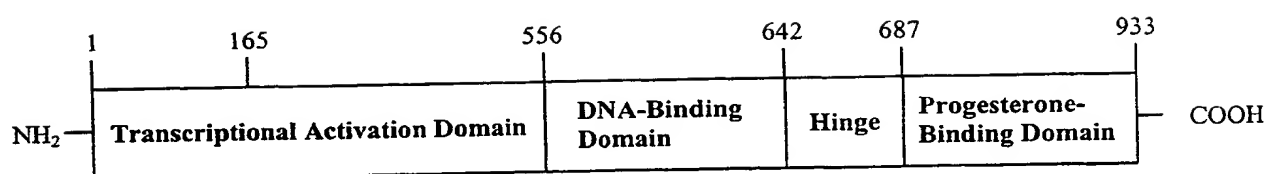


Fig. 16



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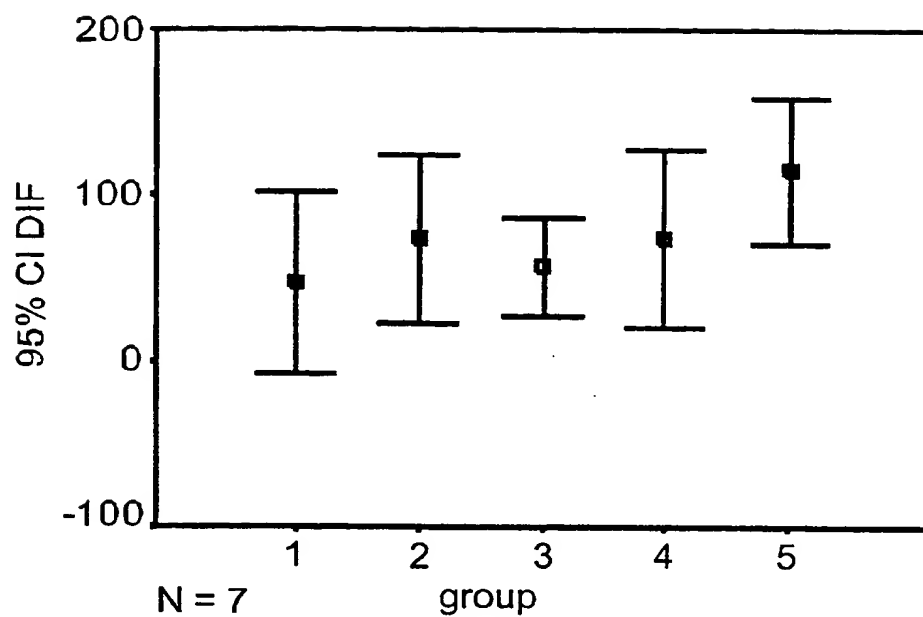


Fig. 17

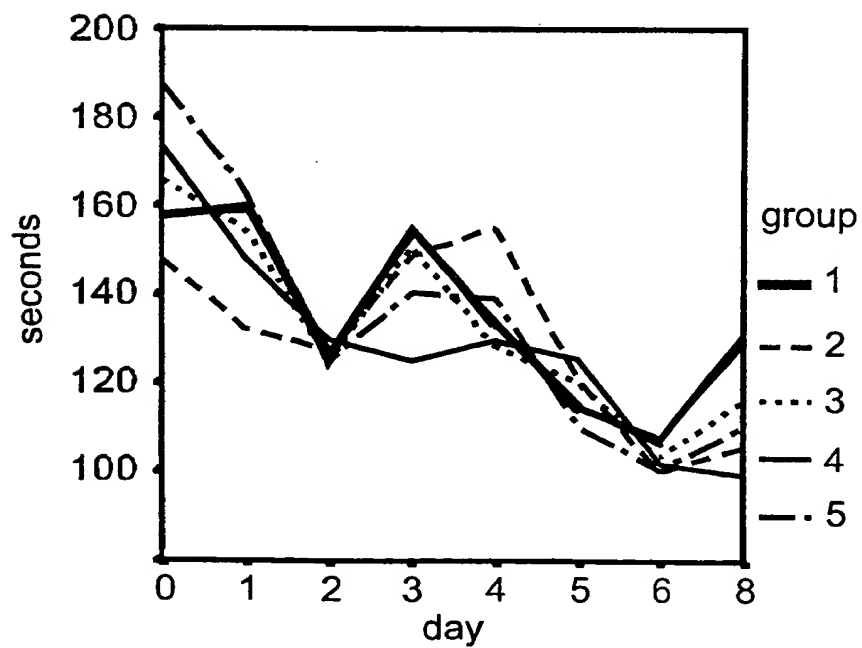
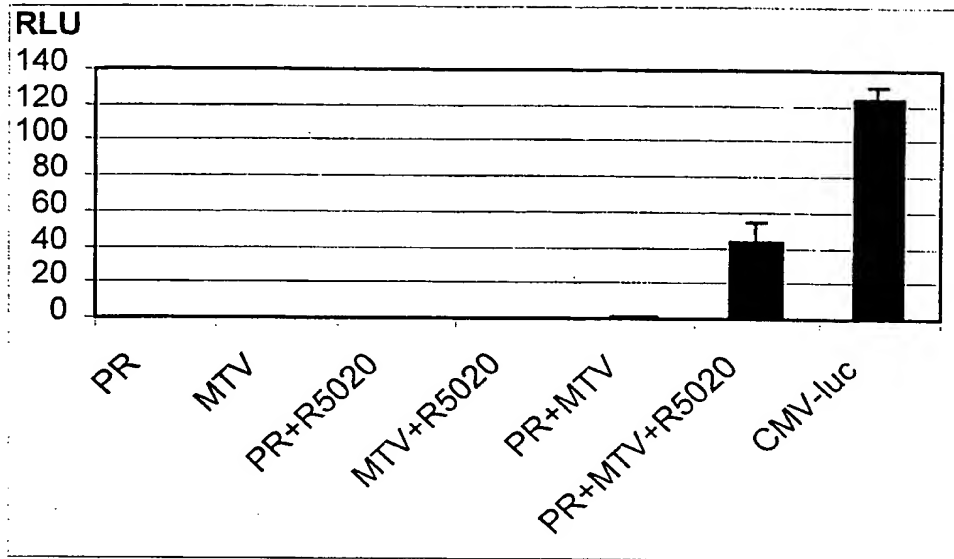


Fig. 18

Fig. 19



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241 PRALGGAAAG GGAAAVPPGA AAGGVALVPK EDSRFSAPRV ALVEQDAPMA EGRSPLATTV
301 MDFIHVPILP LNHALLAART ROLLEDESVD GGAGAASAFV PPRSSPCASS TPVAVGDFPD
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421 PPPPLPPRAT PSRPGAAVT AAPASASVSS ASSSGSTLEC ILYKAEGAPP QQGPFAPPPC
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601 YLCAGRNDIC VDKIRRNCP ACRLRKCCQA GMVLGGRKFK KFNKVRVVRV LDAVALPQPL
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721 LGERQLLSVV KWSKSLPGFR NLHIDDQITL IQYSWMSLMV FGLGWRSYKH VSGQMLYFAP
781 DLILNEQRMK ESSFYSCLT MWQIPQEFVK LQVSQEEFLC MKVLLLLNTI FLEGLRSQTQ
841 FEEMRSSYIR ELIKAIGLRQ KGVVSSSRF YQLTKLLDNL HDLVKQLHLY CLNTFIQSRA
901 LSVEFPFEMMS EVIAAQLPKI LAGMVKPLLF HKK
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Fig. 20

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Fig. 21